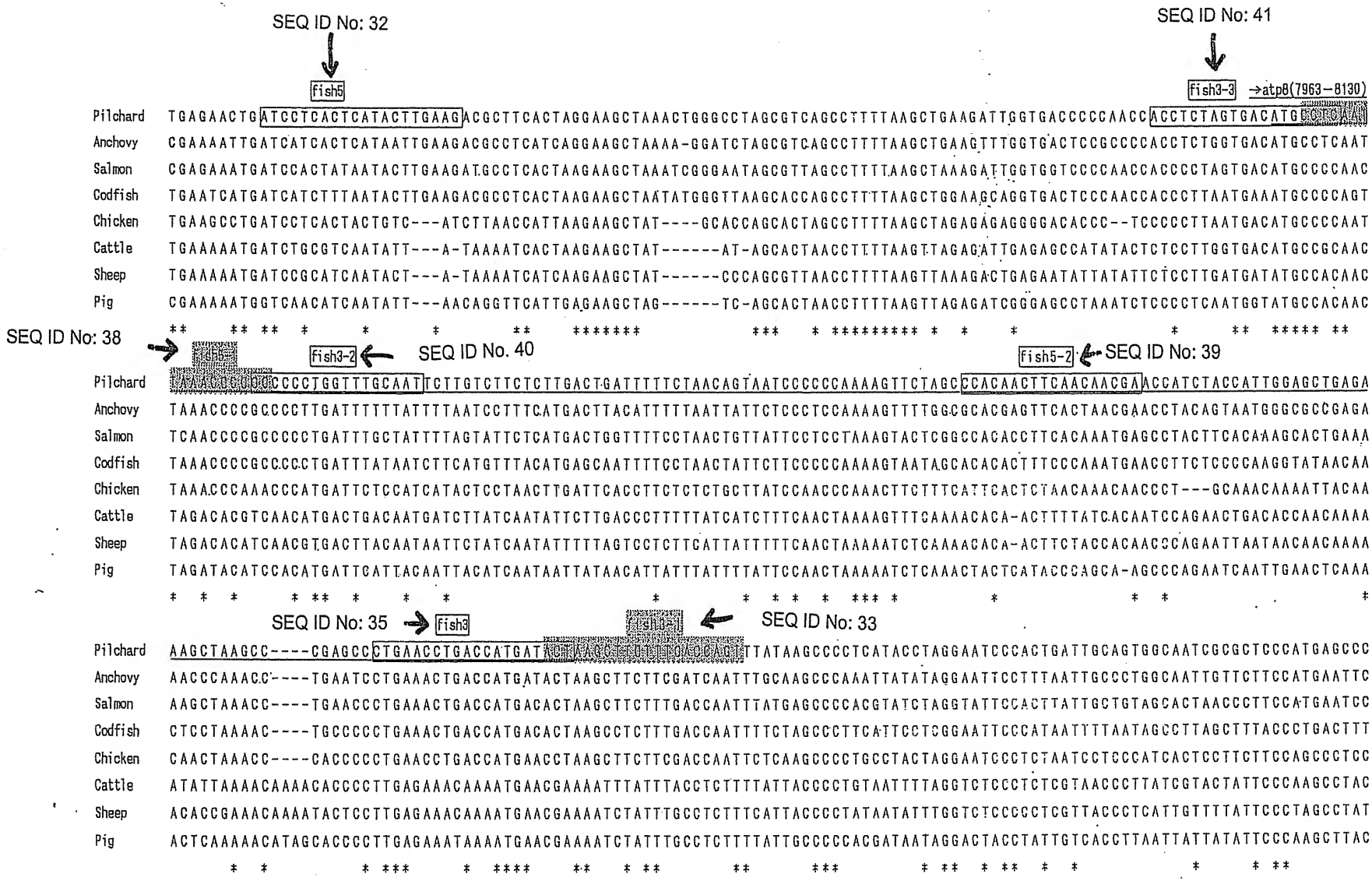
Fig. 3


SEQ ID No: 32
SEQ ID No: 41
fish5
fish3-3
→atp8(7963−8130)
Pilchard TGAGAACTGATCCTCACTCATACTTGAAGACGCTTCACTAGGAAGCTAAACTGGGCCTAGCGTCAGCCTTTTAAGCTGAAGATTGGTGACCCCCAACCACCTCTAGTGACATGCCTCAAT
Anchovy CGAAAATTGATCATCACTCATAATTGAAGACGCCTCATCAGGAAGCTAAAA-GGATCTAGCGTCAGCCTTTTAAGCTGAAGTTTGGTGACTCCGCCCCACCTCTGGTGACATGCCTCAAT
Salmon CGAGAAATGATCCACTATAATACTTGAAGATGCCTCACTAAGAAGCTAAATCGGGAATAGCGTTAGCCTTTTAAGCTAAAGATTGGTGGTCCCCAACCACCCCTAGTGACATGCCCCAAC
Codfish TGAATCATGATCATCTTTAATACTTGAAGACGCCTCACTAAGAAGCTAATATGGGTTAAGCACCAGCCTTTTAAGCTGGAAGCAGGTGACTCCCAACCACCCTTAATGAAATGCCCCAGT
Chicken TGAAGCCTGATCCTCACTACTGTC---ATCTTAACCATTAAGAAGCTAT----GCACCAGCACTAGCCTTTTAAGCTAGAGAGAGGGGACACCC--TCCCCCTTAATGACATGCCCCAAT
Cattle TGAAAAATGATCTGCGTCAATATT---A-TAAAATCACTAAGAAGCTAT------AT-AGCACTAACCTTTTAAGTTAGAGATTGAGAGCCATATACTCTCCTTGGTGACATGCCGCAAC
Sheep TGAAAAATGATCCGCATCAATACT---A-TAAAATCATCAAGAAGCTAT------CCCAGCGTTAACCTTTTAAGTTAAAGACTGAGAATATTATATTCTCCTTGATGATATGCCACAAC
Pig CGAAAAATGGTCAACATCAATATT---AACAGGTTCATTGAGAAGCTAG------TC-AGCACTAACCTTTTAAGTTAGAGATCGGGAGCCTAAATCTCCCCTCAATGGTATGCCACAAC
SEQ ID No: 38
fish5
fish3-2
SEQ ID No. 40
fish5-2
SEQ ID No: 39
Pilchard TAAACCCCGCCCCTTGGTTTGCAATTCTTGTCTTCTCTTGACTGATTTTTCTAACAGTAATCCCCCCAAAAGTTCTAGCCCACAACTTCAACAACGAACCATCTACCATTGGAGCTGAGA
Anchovy TAAACCCCGCCCCTTGATTTTTTATTTTAATCCTTTCATGACTTACATTTTTAATTATTCTCCCTCCAAAAGTTTTGGCGCACGAGTTCACTAACGAACCTACAGTAATGGGCGCCGAGA
Salmon TCAACCCCGCCCCCTGATTTGCTATTTTAGTATTCTCATGACTGGTTTTCCTAACTGTTATTCCTCCTAAAGTACTCGGCCACACCTTCACAAATGAGCCTACTTCACAAAGCACTGAAA
Codfish TAAACCCCGCCCCCTGATTTATAATCTTCATGTTTACATGAGCAATTTTCCTAACTATTCTTCCCCCAAAAGTAATAGCACACACTTTCCCAAATGAACCTTCTCCCCAAGGTATAACAA
Chicken TAAACCCAAACCCATGATTCTCCATCATACTCCTAACTTGATTCACCTTCTCTCTGCTTATCCAACCCAAACTTCTTTCATTCACTCTAACAAACAACCCT---GCAAACAAAATTACAA
Cattle TAGACACGTCAACATGACTGACAATGATCTTATCAATATTCTTGACCCTTTTTATCATCTTTCAACTAAAAGTTTCAAAACACA-ACTTTTATCACAATCCAGAACTGACACCAACAAAA
Sheep TAGACACATCAACGTGACTTACAATAATTCTATCAATATTTTTAGTCCTCTTCATTATTTTTCAACTAAAAATCTCAAAACACA-ACTTCTACCACAACCCAGAATTAATAACAACAAAA
Pig TAGATACATCCACATGATTCATTACAATTACATCAATAATTATAACATTATTTATTTTATTCCAACTAAAAATCTCAAACTACTCATACCCAGCA-AGCCCAGAATCAATTGAACTCAAA
SEQ ID No: 35
fish3
fish3-1
SEQ ID No: 33
Pilchard AAGCTAAGCC----CGAGCCCTGAACCTGACCATGATACTAAGCTTCTTCGATCAATTTGCAAGCCCAAATTATATAGGAATTCCTTTAATTGCCCTGGCAATTGTTCTTCCATGAATCC
Anchovy AACCCAAACC----TGAACCCTGAAACTGACCATGACACTAAGCTTCTTTGACCAATTTATGAGCCCCACGTATCTAGGTATTCCACTTATTGCTGTAGCACTAACCCTTCCATGAATCC
Salmon AAGCTAAACC----TGAATCCTGAAACTGACCATGATACTAAGCCTCTTTGACCAATTTTCTAGCCCTTCATTCCTCGGAATTCCCATAATTTTAATAGCCTTAGCTTTACCCTGACTTT
Codfish CTCCTAAAAC----TGCCCCCTGAAACTGACCATGACACTAAGCCTCTTTGACCAATTTTCTAGCCCTTCATTCCTCGGAATTCCCATAATTTTAATAGCCTTAGCTTTACCCTGACTTT
Chicken CAACTAAACC----CACCCCCTGAACCTGACCATGAACCTAAGCTTCTTCGACCAATTCTCAAGCCCCTGCCTACTAGGAATCCCTCTAATCCTCCCATCACTCCTTCTTCCAGCCCTCC
Cattle ATATTAAAACAAAACACCCCTTGAGAAACAAAATGAACGAAAATTTATTTACCTCTTTTATTACCCCTGTAATTTTAGGTCTCCCTCTCGTAACCCTTATCGTACTATTCCCAAGCCTAC
Sheep ACACCGAAACAAAATACTCCTTGAGAAACAAAATGAACGAAAATCTATTTGCCTCTTTCATTACCCCTATAATATTTGGTCTCCCCCTCGTTACCCTCATTGTTTTATTCCCTAGCCTAT
Pig ACTCAAAAACATAGCACCCCTTGAGAAATAAAATGAACGAAAATCTATTTGCCTCTTTTATTGCCCCCACGATAATAGGACTACCTATTGTCACCTTAATTATTATATTCCCAAGCTTAC